

Title (en)

INDOOR UNIT FOR AIR CONDITIONER

Title (de)

INNENEINHEIT FÜR EINE KLIMAANLAGE

Title (fr)

UNITÉ INTÉRIEURE POUR CLIMATISEUR

Publication

EP 2123990 A1 20091125 (EN)

Application

EP 08710304 A 20080205

Priority

- JP 2008000150 W 20080205
- JP 2007030714 A 20070209

Abstract (en)

The present invention intends to reduce the size of an indoor unit of an air conditioner installed on a ceiling, while saving space for holding dust removed from a filter. A rotating brush (61) is provided for removing dust trapped on a filter (21) arranged on an inlet side of an indoor fan (13). Space for restraining the dust removed by the rotating brush (61) is provided in a center cover (17) for covering a room-facing side of the filter (21).

IPC 8 full level

F24F 13/20 (2006.01); **F24F 1/0073** (2019.01); **F24F 13/28** (2006.01)

CPC (source: EP KR US)

B01D 46/681 (2022.01 - EP US); **F24F 1/0047** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 8/90** (2021.01 - EP);
F24F 13/20 (2013.01 - KR); **F24F 13/28** (2013.01 - EP KR US); **B01D 2279/50** (2013.01 - EP US); **F24F 8/90** (2021.01 - US);
F24F 2013/0616 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2123990 A1 20091125; **EP 2123990 A4 20160629**; **EP 2123990 B1 20191016**; CN 101600913 A 20091209; CN 101600913 B 20120215;
JP 5024297 B2 20120912; JP WO2008096536 A1 20100520; KR 101136603 B1 20120418; KR 20090101972 A 20090929;
US 2010323606 A1 20101223; WO 2008096536 A1 20080814

DOCDB simple family (application)

EP 08710304 A 20080205; CN 200880003947 A 20080205; JP 2008000150 W 20080205; JP 2008557024 A 20080205;
KR 20097017412 A 20080205; US 52638608 A 20080205